



GLM:ach 06/30/04 4239-55272-01 290174.doc

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Smith et al.

Application No. 09/745,696

Filed: December 22, 2000

Confirmation No. 9678

For: POSITIONING AN ITEM IN THREE
DIMENSIONS VIA A GRAPHICAL
REPRESENTATION

Examiner: Cuong T. Thai

Art Unit: 2173

Attorney Reference No. 4239-55272-01

COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450 on the date shown below.

Attorney
for Applicant(s)

G. L. Maurer

Date Mailed June 30, 2004

INFORMATION DISCLOSURE STATEMENT PURSUANT TO
37 C.F.R. § 1.97(c)

Listed on the accompanying form PTO-1449 and enclosed herewith are several English-language documents. Applicants respectfully request that these documents be listed as references cited on the issued patent. This Information Disclosure Statement ("IDS") is being mailed before Applicants received a final action, a notice of allowance, or an action that otherwise closes prosecution in the referenced application.

If the present application was filed after June 30, 2003, copies of United States patents and United States published patent applications do not have to be provided to the Patent Office. This requirement of 37 C.F.R. § 1.98(a)(2)(i) has been waived by the United States Patent and Trademark Office pursuant to the Official Gazette Notice on August 5, 2003 (1276 OG 55). Applicants will provide copies of such patents upon request.

Submitted herewith is a fee for \$180.00 as required by 37 C.F.R. § 1.17(p) for filing this IDS in compliance with 1.97(c).

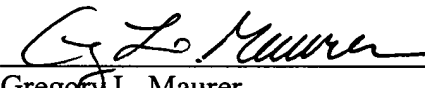
Please charge any additional fees which may be required in connection with filing this IDS, or credit any overpayment, to Deposit Account No. 02-4550. A duplicate copy of this sheet is enclosed.

The filing of this IDS shall not be construed to be an admission that the information cited in the statement is, or is considered to be, prior art or otherwise material to patentability as defined in 37 C.F.R. §1.56.

Respectfully submitted,

KLARQUIST SPARKMAN, LLP

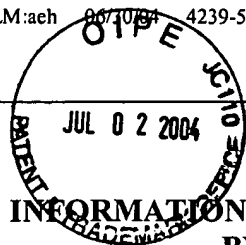
By



Gregory L. Maurer
Registration No. 43,781

One World Trade Center, Suite 1600
121 S.W. Salmon Street
Portland, Oregon 97204
Telephone: (503) 226-7391
Facsimile: (503) 228-9446

cc: Docketing



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Attorney Docket Number	4239-55272-01
Application Number	09/745,696
Filing Date	December 22, 2000
First Named Inventor	Smith
Art Unit	2173
Examiner Name	Cuong T. Thai

U.S. PATENT DOCUMENTS

NOTE: If this application was filed after June 30, 2003, copies of United States patents and United States published patent applications do not have to be provided to the Patent Office. This requirement of 37 C.F.R. § 1.98(a)(2)(i) has been waived by the United States Patent and Trademark Office pursuant to the Official Gazette Notice on August 5, 2003 (1276 OG 55).

Examiner's Initials*	Cite No. (optional)	Number	Issue Date	Name of Applicant or Patentee
		6,063,260	May 16, 2000	Olesen et al.
		6,470,226	October 22, 2002	Olesen et al.

RECEIVED

JUL 13 2004

OTHER DOCUMENTS


Technology Center 2100

Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS
		"MP-285 Motorized Micromanipulator," Sutter Instrument Company, www.sutter.com/mp285.html , 4 pages, archived October 2, 2000.
		"Sophion: Dedicated to Exploring the Potential of Ion Channel Technology," http://www.cbc.dk/news/pdf/Sophion%20folder.pdf , 5 pages, 2001.
		Cottrell, et al., "Distribution, Density, and Clustering of Functional Glutamate Receptors Before and After Synaptogenesis in Hippocampal," The Journal of Neurophysiology, Volume 84, No. 3, pages 1573-1587, September 2000.
		Dubé, et al., "AMPA and NMDA Receptors Display Similar Affinity During Rapid Synaptic-like Glutamate Applications," <i>Society for Neuroscience</i> , Volume 25, 1 page, Abstract 399.5, 1999.
		Fertig, et al., "Whole Cell Patch Clamp Recording Performed on a Planar Glass Chip," <i>Biophysical Journal</i> , Volume 82, pages 3056-3062, June 2002.
		Kern, "AIS 2: Computer Assisted Microinjection of Tissue Culture Cells," CellBiology Trading, http://www.zeiss.co.uk/C12567BE00472A5C/EmbedTitelIntern/Brochure-AIS-Micromanipulation/\$File/BrochureAIS2.pdf , 4 pages, website visited February 25, 2004.
		Klemic, et al., "Micromolded PDMS Planar Electrode Allows Patch Clamp Electrical Recordings from Cells," <i>Biosensors and Bioelectronics</i> , Volume 17, pages 597-604, 2002.
		Liu, et al., "Synaptic Transmission at Single Visualized Hippocampal Boutons," <i>Neuropharmacology</i> , Volume 34, No. 11, pages 1407-1421, 1995.
		Liu, et al., "Variability of Neurotransmitter Concentration and Nonsaturation of Postsynaptic AMPA Receptors at Synapses in Hippocampal Cultures and Slices," <i>Neuron</i> , Volume 22, pages 395-409, February 1999.

EXAMINER
SIGNATURE:

DATE
CONSIDERED:

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

	Attorney Docket Number	4239-55272-01
	Application Number	09/745,696
	Filing Date	December 22, 2000
	First Named Inventor	Smith
	Art Unit	2173
	Examiner Name	Cuong T. Thai
	Sigworth, et al., "Patch Clamp on a Chip," <i>Biophysical Journal</i> , Volume 82, pages 2831-2832, June 2002.	
	Xu, et al., "Ion-Channels Assay Technologies: <i>quo vadis?</i> " <i>Drug Discovery Today</i> , Volume 6, No. 24, pages 1278-1287, December 2001.	
	Yang, et al., "Chapter 5 Automated Microassembly," <i>Packaging for MEMS</i> , T.-R. Hsu Ed., Electronics Materials Information Service (EMIS) Processing Series, IEE, United Kingdom, 27 pages, 2002.	
	Yu, et al., "Autonomous Injection of Biological Cells Using Visual Servoing," ISER Hawaii Conference, 10 pages, December 10-13, 2000.	
	RECEIVED	
	JUL 13 2004	
	Technology Center 2100	

EXAMINER SIGNATURE:	DATE CONSIDERED:
<p>* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	